GSA 800-85B TOOL CHANGE LOG

3.0.0
- Tool version added to html and pdf reports and logs.
- Automatically updates certificate 9A_06 or 9A_07 in configuration file.

3.1.0
- Automatically decompressing gzipped versions of certificate 9A_06/9A_07.
- Enable/Disabling of optional tests in certificate profile conformance category added.
- Automatically update of configuration setting USE_CASE_PIV_Authenticate key/algorithm string (9A_06/9A_07).

3.2.0
- Removed reset_retry_counter_apdu call within disconnect after each test.
- Added additional error checking for Transmit error. Error no longer affects subsequent tests.

3.3.0
- Added catching for multiple known exceptions.
- Removed unecessary data items from Configuration tab.
- Simplified logs/results/reports path setting into single Configuration->Test Settings->Output Locations->Configuration Main Path setting.
- Added backup capability (get and save containers from card).
- Added read containers from file capability through use of Configuration->Test Settings->GET_CONTAINERS_FROM_CARD setting.

3.3.1
- Default configuration file modifiable values changed to blank.
- Reports/logs/results reset for default configuration file.

3.3.2
- Added support for 3 additional DHS OIDs which are valid of the certificate is issused prior to 2008.
- Specifically, DHS common authentication medium hw, DHS common authentication high, and DHS common card authentication.

3.3.3
- Added catching of two exceptions during LDS Security Object creation.
- Added catching of exception if a container cannot be retrieved (does not exist).

3.3.4
- Added checking of error codes in USE Case PIV Authentication Key. Output appropriate and accurate error message depending on error

3.4.0

- ➢ Added buffering of containers feature for running multiple tests.
- ➢ Added challenge vs. public key modulus check to make sure challenge does not exceed public key modulus value.

3.5.0
- ➢ Improved error reporting for biometric, certificate, and digital signature tests.
- ➢ Removed FAIL messages from results when a test has not been executed. Instead, the result is left blank.
- ➢ Added error forwarding to results and reports.

3.5.1
- ➢ Intermediate version with minor bug fixes (debug)

3.5.2
- ➢ Intermediate version with minor bug fixes (debug)

3.5.3
- ➢ Intermediate version with minor bug fixes (debug)
- ➢ Digital signature conformance Test #57 transmit failure issue addressed
- ➢ Result reporting modified heavily

3.6.0
- ➢ Report generation pdf and html consolidated to 2 files.
- ➢ Report look and feel different, as well as contents of reports.
- ➢ Completely changed reporting system from parsing XSL to java

3.7.0
- ➢ Added Expected and Actual results column to display the Expected and Actual contents of a container IF it can be read.
- ➢ Modified Exception catching to be more robust and provide more information.

3.7.1
- ➢ Added additional AP Mapping column to Reporting, read from APMapping.xml

3.7.2
- ➢ Added "EP." to precede each AP Mapping value
- ➢ Right formatted Legend
- ➢ Expanded PDF
- ➢ Changed Date to Card Manufacturer Type
- ➢ Merged IUT cell with blank cell

4.0.1
- ➢ Fixed the piv-interim indicator extension test case to allow both TRUE and FALSE values
- ➢ Added support for SP 800-78-1

4.0.2
- ➢ Minor bugfix in xml file for report generation.

4.0.3
- ➢ Bugfix in acceptance OIDs affecting CHECK_digital_signature_conformance tests #15 (CHUID), 34 (fingerprints), 53 (facial image), 65 (security object)

4.0.4
- ➢ Bugfix in retrieving certificate generation date within signed attributes.
- ➢ SP 800-78-1 indicator added to heading of reports.

4.0.5
- ➢ Bugfix in verifying signature for private/public key pair integrity tests - CHECK_certificate_profile_conformance #8, #16, #23, #33.
- ➢ Support for testing private/public key pair integrity when using EC keys for CHECK_certificate_profile_conformance #8, #16, #23, #33
- ➢ Bugfix for always authenticating to PIV Card during retrieval of data containers (i.e. sending PIN)

4.0.6
- ➢ Bugfix for pin authentication for unique case CHECK_digital_signature_conformance test #57

4.0.7
- ➢ Bugfix for compatibility with Java 1.6.0 where the 'Tests' consolidated page was not getting populated with the tests run results.
- ➢ Generates fewer shortcuts in the start menu. Added an 'Uninstall' shortcut in the start menu for this tool.

4.0.8
- ➢ Graceful handling of null pointer exceptions in CHECK_digital_signature_conformance tests #15,16 & 36.
- ➢ Display the correct tool version in the report.